Approved for use through 10/31/2002. OMB 0651-0031

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REQUEST FOR

## CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

| Application Number     | 10/712,062              |  |  |
|------------------------|-------------------------|--|--|
| Filing Date            | November 14, 2003       |  |  |
| First Named Inventor   | Shunpei YAMAZAKI et al. |  |  |
| Group Art Unit         | 2826                    |  |  |
| Examiner Name          | Fetsum Abraham          |  |  |
| Attorney Docket Number | 0756-7218               |  |  |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

| 1. Submission required under 37 C.F.R. § 1.114                                 |   |             |        |              |  |                      |  |  |
|--|---|-------------|--------|--------------|--|----------------------|--|--|
|  | a. Previously submitted   |             |        |              |  |                      |  |  |
| i. Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on |   |             |        |              |  |                      |  |  |
|  |   | ii.         |        | •            | nsider the arguments in the Appeal Brief or Reply  | •                    | reviously filed on   |  |
|  |   | iii.        |        | Oth          | er   |                      |  |  |
|  | b.  | $\boxtimes$ | Enc    | losed        |  |                      |  |  |
|  |   | i.          |        | An           | endment/Reply  |                      |  |  |
|  |   | ii.         |        | Afi          | idavit(s)/Declaration(s)   |                      |  |  |
|  |   | iii.        | X      | Inf          | ormation Disclosure Statement (IDS)  |                      |  |  |
|  |   | iv.         |        | Oth          | er   |                      |  |  |
| 2.   | N   | /liscel     | laneo  | us           | ]  |                      |  |  |
|  | a.  |             | Sus    | pensi        | on of action on the above-identified application is months. (Period of suspension shall not exceed 3       | requeste<br>months;  | ed under 37 C.F.R. § 1.103(c<br>Fee under 37 C.F.R. § 1.17(1) re | ) for a period of<br>quired)                               |
|  | b.  | X           | Oth    | er <u>Co</u> | rrection to Previously Submitted Information Disc  | closure S            | Statement and PTO 1449 For                                       | <u>m</u>   |
| 3.   | F   | ees         | Th     | e RC         | E fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. §   | § 1.114 w            | hen the RCE is filed.  |  |
|  | a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account |             |        |              |  | Deposit Account      |  |  |
|  |   |             | No.    | -            |  |                      |  |  |
|  |   | i.          |        |              | E fee required under 37 C.F.R. § 1.17(e)   |                      |  |  |
|  |   | ii.         |        | Ex           | ension of time fee (37 C.F.R. §§ 1.136 and 1.17)   |                      |  |  |
|  |   | iii.        | Ц      |              | er   |                      |  |  |
|  | b.  | X           |        |              | the amount of \$790.00enclosed   |                      |  |  |
|  | c.  |             | Payı   | ment         | by credit card (Form PTO-2038 enclosed)  |                      |  |  |
|  |   |             |        |              | SIGNATURE OF APPLICANT, ATTOR  | RNEY,                | OR AGENT REQUIRED  |  |
| Name (Print/Type) Eric J. Robinson Registration No. (Attorney/Agent) 38,285    |   |             |        | 38,285       |  |                      |  |  |
| Signature Date Z-8-06  |   |             |        |              |  |                      |  |  |
|  |   |             |        |              | CERTIFICATE OF MAILING   | OR TI                | RANSMISSION  |  |
| in a   | n en  | velope      | addr   | esse         | correspondence is being deposited with the United to: Commissioner For Patents, P.O. Box 1450, A ffice on: | d States<br>Alexandi | Postal Service with sufficien<br>ria, VA 22313-1450, or facsi    | t postage as first class mail mile transmitted to the U.S. |
| 1  | Vame  | (Pri        | nt/Typ | ne)          | Adele M Stamper  |                      |  | 860  |
|  | Signa   | ture        |        |              | Add M. Stanger Da  | ate                  | 2.8.06   |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| FEETRANSMITTA      | Ĺ |
|--------------------|---|
| <b>FOR FY 2005</b> |   |

Effective 10/01/2004. Patent fees are subject to annual revision. ☐ Applicant Claims small entity status. See 37 CFR 1.27.

| TOTAL AMOUNT OF PAYMENT | (\$) 790.00 |
|-------------------------|-------------|

Signature

| Complete if Known    |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Application Number   | 10/712,062              |  |  |  |  |
| Filing Date          | November 14, 2003       |  |  |  |  |
| First Named Inventor | Shunpei YAMAZAKI et al. |  |  |  |  |
| Examiner Name        | Fetsum Abraham          |  |  |  |  |
| Group Art Unit       | 2826                    |  |  |  |  |
| Attorney Docket No.  | 0756-7218               |  |  |  |  |

| METHOD OF PAYMENT   | FEE CALCULATION (continued) |             |                    |             |   |  |  |  |
|---|-----------------------------|-------------|--------------------|-------------|---|--|--|--|
|   |                             |             | 3. ADDITIONAL FEES |             |   |  |  |  |
| 1. L The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: |                             | Larg        | e                  | Sm          | all   |  |  |  |
|   | F                           | Entit       |                    |             | tity  |  |  |  |
| Deposit Account 50-2280   | Fee<br>Code                 | Fee<br>(\$) | Fee<br>Code        | Fee<br>(\$) |   |  |  |  |
| Number  |                             | 120         | 2051               |             | Cf. Country on late Filing for or ooth  |  |  |  |
|   | 1051<br>1052                | 130<br>50   | 2051<br>2052       |             | 55 Surcharge – late filing fee or oath 25 Surcharge – late provisional filing fee or cover sheet              |  |  |  |
| Deposit Robinson Intellectual Property  |                             |             |                    |             |   |  |  |  |
| Account<br>Name Law Office  | 1053                        | 130         | 1053               | . 13        | Non-English specification   |  |  |  |
| Name  | 1812                        | 2 520       | 1812               | 2 52        | 20 For filing a request for ex parte reexamination  |  |  |  |
| Charge Any Additional Fee Required  |                             | 920*        | 1804               |             | 20* Requesting publication of SIR prior to Examiner action  |  |  |  |
| Under 37 CFR 1.16 and 1.17 and  | 1805 1                      |             | 1805               |             | 40* Requesting publication of SIR after Examiner action   |  |  |  |
| credit overpayments   | 1251                        | 120         | 2251               |             | 60 Extension for reply within first month   |  |  |  |
| Applicant claims small entity status.  See 37 CFR 1.27  | 1231                        | 120         | 2231               |             | DACINION TO TOP I WARM IN THE   |  |  |  |
| 2. X Payment Enclosed:  | 1252                        | 450         | 2252               | 22          | 25 Extension for reply within second month  |  |  |  |
|   | 1253                        | 1020        | 2253               | 51          | 10 Extension for reply within third month   |  |  |  |
| Order   | 1254                        | 1,590       | 2254               | 79          | 95 Extension for reply within fourth month  |  |  |  |
| FEE CALCULATION   | 1255                        | 2,160       | 2255               | 108         | 80 Extension for reply within fifth month   |  |  |  |
| 1. BASIC FILING FEE   | 1401                        | 500         | 2401               |             | 50 Notice of Appeal   |  |  |  |
| Large Entity Small Entity   | 1402                        | 500         | 2402               | 25          | 50 Filing a brief in support of an appeal   |  |  |  |
| Fee Fee Fee Fee Description  Code (\$) Code (\$)  Fee Paid  | 1403                        | 1000        | 2403               |             | 00 Request for oral hearing   |  |  |  |
| 1001 300 2001 150 Utility filing fee  | 1451                        | 1,510       | 1451               | 1,51        | 10 Petition to institute a public use proceeding  |  |  |  |
| 1111 500 2111 250 Search fee  | 1452                        | 500         | 2452               | 250         | 0- Petition to revive – unavoidable   |  |  |  |
| 1311 200 2311 275 Examination fee   | 1453                        | 1,500       | 2453               |             | 50 Petition to revive – unintentional   |  |  |  |
| Over 100 Sheets/250 for each additional 50  | 1501                        | 1,400       | 2501               |             | 00 Utility issue fee (or reissue)   |  |  |  |
|   | 1502                        | 800         | 2502               |             | 00 Design issue fee   |  |  |  |
|   | 1503                        | 1100        | 2503               |             | 50 Plant issue fee  |  |  |  |
| SUBTOTAL (1) (\$)   | 1462<br>1463                | 400<br>200  | 1462<br>1463       |             |   |  |  |  |
|   | 1464                        | 130         | 1464               |             | 0 Petitions, Group III  |  |  |  |
| 2. EXTRA CLAIM FEES   | 1807<br>1806                | 50<br>180   | 1807<br>1806       |             | 50 Processing fee under 37 CR 1.17(q)  80 Submission of Information Disclosure Stmt                           |  |  |  |
| Fee from Extra Claims below Fee Paid  | 1800                        | 100         | 1000               |             |   |  |  |  |
| Total Claims -20** = X \$50 =   | 8021                        | 40          | 8021               | 4           | 40 Recording each patent assignment per property (times number of properties)                                 |  |  |  |
| Independent -3** = X \$200 =  | 1809                        | 790         | 2809               | 39          | 95 Filing a submission after final rejection (37 CFR  |  |  |  |
| Claims  |                             | 700         | 2010               |             | § 1.129(a))   |  |  |  |
| Multiple Dependent =  | 1810                        | 790         | 2810               | 35          | 95 For each additional invention to be examined (37 CFR § 1.29(b))  |  |  |  |
| Large Entity Small Entity   | 1801                        | 790         | 2801               | 39          | 95 Request for Continued Examination (RCE) \$790.00   |  |  |  |
| Fee Fee Fee Fee Description Code (\$) Code (\$)   | 1802                        | 900         | 1802               | 90          | 00 Request for expedited examination of a design  |  |  |  |
|   |                             |             |                    |             | application   |  |  |  |
| 1202 50 2202 25 Claims in excess of 20  | Other                       | fee (spe    | cify)              |             |   |  |  |  |
| 1201 200 2201 100 Independent claims in excess of 3   |                             |             |                    |             |   |  |  |  |
| 1203 360 2203 180 Multiple dependent claim, if not paid   | * Red                       | uced by     | Basic F            | Filing      | g Fee Paid SUBTOTAL (3) (\$) 790.00   |  |  |  |
| 1204 200 2204 100 ** Reissue independent claims over original patent                                |                             |             |                    |             |   |  |  |  |
| 1205 50 2205 25 ** Reissue claims in excess of 20 and   |                             |             | harabu -           | artic.      | CERTIFICATE OF MAILING that this correspondence is being deposited with the United States Postal Service with |  |  |  |
| over original patent  | sufficie                    | nt posta    | ge as first        | t class     | mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria,                         |  |  |  |
| SUBTOTAL (2) (\$)   | VA 22                       | 313-1450    | ), on <b>2</b> .   | 8-6         | Quelin Stamper  |  |  |  |
| **or number previously paid, if greater; For Reissues, see above                                    |                             |             |                    |             |   |  |  |  |
| SUBMITTED BY  |                             |             |                    |             | Complete (if applicable)  |  |  |  |
| Name (Print/Type) Eric J. Robinson  |                             | stration    |                    | 3           | 38,285 Telephone (571) 434-6789   |  |  |  |